

Awards

Associate Degree:	Not Applicable
Diploma:	Welding Technology (D50420)
Length of Program:	3 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent
Certificate:	Basic Welding Technology Certificate (C50420C1)
Length of Program:	2 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent
Certificate:	Basic Welding Technology Certificate (C50420H1)
Length of Program:	2 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent

Program Information Contact

Department Chairperson

Steven Scott
(910) 678-8460
Lafayette Hall, Room 148-A
scotts@faytechcc.edu
www.faytechcc.edu

Other Important Information

Application Deadlines: The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

Scholarship/Title IV Financial Aid/VA Services: Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

WELDING TECHNOLOGY



www.faytechcc.edu

 **FTCC**
FAYETTEVILLE TECHNICAL
COMMUNITY COLLEGE

910-678-8400
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PROGRAM FACT SHEET WELDING TECHNOLOGY (D50420)



The Welding Technology curriculum provides students with a sound understanding of the science, technology and applications essential for successful employment in the welding and metal industry.

Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses in math, blueprint reading, metallurgy, welding inspection, and destructive and non-destructive testing provide the student with industry-standard skills developed through classroom training and practical application.



Successful graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries. Career opportunities also exist

in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.

FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE WELDING TECHNOLOGY (D50420)

Effective: Fall 2025

Revised: 01/10/25

Length: 3 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Diploma

FALL SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
ACA	120	Career Assessment	1	0	0	1
PSY	118	Interpersonal Psychology	3	0	0	3
WLD	110	Cutting Processes	1	3	0	2
WLD	115	SMAW (Stick) Plate	2	9	0	5
WLD	131	GTAW (Tig) Plate	2	6	0	4
WLD	141	Symbols & Specifications	2	2	0	3
TOTALS			10	18	0	18

SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
CIS	113	Computer Basics	0	2	0	1
*ENG	101	Applied Communications I	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
WLD	116	SMAW (Stick) Plate/Pipe	1	9	0	4
WLD	121	GMAW (Mig) FCAW/Plate	2	6	0	4
WLD	132	GTAW (Tig) Plate/Pipe	1	6	0	3
TOTALS			8	21	0	15

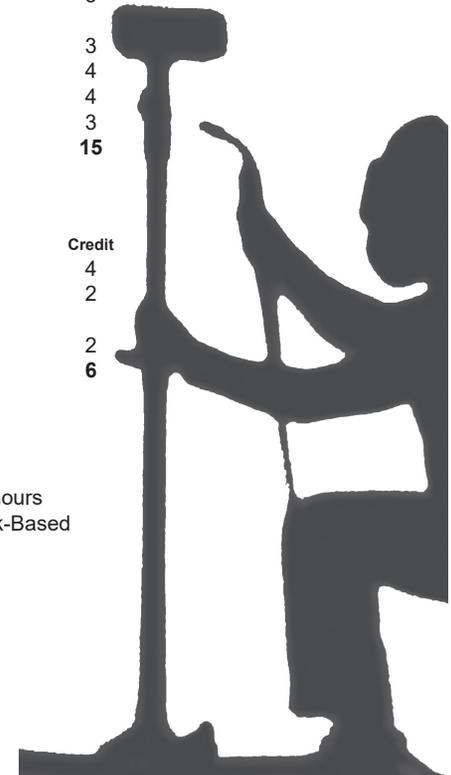
SUMMER SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
WLD	151	Fabrication I	2	6	0	4
WLD	261	Certification Practices	1	3	0	2
or						
WBL	112	Work-Based Learning I	0	0	20	2
TOTALS			3	9	0	6

TOTAL REQUIRED CREDITS.....39

Work-Based Learning Option: Qualified students may elect to take up to two (2) credit hours of Work-Based Learning in lieu of WLD-261 provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

***ENG-101 will not transfer to Associate Degree Program.**



Refer to the FTCC website for the most current information. Go to www.faytechcc.edu and click on College Catalog.